S	2175 CACGTCGTCCATTTGTGCCACAAAGCTGCCTTCCACATGAAGCTGTGGGGTCAGCCAGC
밁	1021 CACGTCGTCCATTTGTGCCACAAAGCTGCCTTCCACATGAAGCTGTGGGCTCAGCCAGC
₹ 8	2235 ACCTGACCTTGGACTGTTTGACTGCAAAGCTTAGTGGCCTACAGGTGGCTGTAGAGACAG 2294
8	
밁	1141 CCHATTIGATTITGGATCTTTCATATGTTATTGAAGATAAAAACTAAGAGAATAGCATGT 1200
Ś	N
8	1201 TCGTATTACAAGAGAAACAAATAAACTAGTCTGTTGGCAATTGAGAAAAAAAA
S	2423
	1261 AAAAAAAAA 1269
RESULT ABK358 ID A	ULT 10 35896 ABK35896 standard; cDNA; 694 BP.
ž 5	ABK35896;
133	08-MAY-2002 (first entry)
X 23 25	cDNA sequence #287 encoding novel human secreted protein.
Z Z Z Z	Human secreted protein; hyperproliferative disorder; autoimmune disorder; immune deficiency disorder; blood disorder; inflammatory disorder; infectious disorder; allergic condition; neurodegenerative disorder; liver fibrosis; coagulation disorder; qene therapy; antimicrobial;
g g	
1 Z S	WO200177289-A2.
# 5 5	18-OCT-2001.
X P S	29-MAR-2001; 2001WO-US010232.
g X	06-APR-2000; 2000US-0195605P.
X Z Z	(GEMY) GENETICS INST INC.
122	Jacobs K, McCoy JM, Lavallie ER, Collins-Racie LA, Evans C; Merberg D, Treacy M, Agostino MJ, Bowman MR, Spaulding V, Wong GG; Clark HF, Fechtel K, Howes SH, Resnick RJ, Gulukota K, Graham JR;
\$ # \$	WPI; 2002-179322/23.
P P P	Six hundred and twenty three polynucleotides derived from a variety of human tissue sources which encode secreted proteins, useful for treating immune deficiencies and disorders such as autoimmune disorders.
283	Claim 1; Page 248; 393pp; English.
នៃន	The present invention relates to the isolation of novel cDNA sequences which encode human secreted proteins. The cDNA sequences have been
88	derived from a variety of human tissues. The invention also provides a method for producing proteins from these polynucleotide sequences. The
888	proteins are useful for identifying compounds that modulate their activity and production. The sequences of the invention are useful for
388	rearing diseases such as hyperproliferative disorders (e.g. cancer), immune deficiency disorders (e.g. severe combined immunodeficiency (SCID)), autoimmune disorders (e.g. multiple solected immunodeficiency)
នន	(e.g. thrombooytopaenia), inflammatory disorders (e.g. arthritis), inflammatory disorders (e.g. arthritis), inflammatory disorders (e.g. arthritis), infectious disorders (e.g. hepatitis), allergic conditions (e.g. asthma).
ဂ္ဂ	neurodegenerative disorders (e.g. Alzheimer's disease), liver fibrosis,

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Matches 593
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     coagulation disorders (e.g. haemophilia), and tumours. The polynucleotide sequences of the invention are also useful in gene therapy. ABK35610-ABK36232 represent the cDNA sequences of the invention that encode for novel human secreted proteins
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                                              ACTITITGATITTATAGCCACAATGCIGCATATTCATACTTTAATTCCTAAAGAATAATT
                                                                              ATTTGGAATTACTAATTTGTCATTAAATCATTCTATGCTGATTAGCTTCATAAACATTGA
                                                                                               ATTTGGAATTACTAATTTGTCATTAAATCATTCTATGCTGATTAGCTTCATAAACATTGA
                                                                                                                                            GGGATATCTTTCATAGGTGTCCATCTTGGAACATACTTTTTGCAGAGGTCTGCAAAGCAG
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Conservative 0;
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RESULT 11 AAX97580 ID AAX9 XX AAX9 AC AAX9 AC AAX9 DT 13-S XX Secr XX Secr XX Cell XX Cell XX Cell XX Teep XX AAX97580 11 S standard; EDMENCE DNA; 458 ВP COMPARISON A

AAX97580;

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TTTAATGTTAAAACGTGATAATGCAATAAATAGAAAATGTGGTTTACAAAAT

694

13-SEP-1999 (first entry)

Extended human secreted protein coding sequence, SEQ

Ħ ŏ 44

Secreted protein; human; cytokine; cellular proliferation; cell movem cellular differentiation; immune system regulator; anti-inflammatory; haematopoiesis regulator; tissue growth regulator; tumour inhibitor; reproductive hormone regulator; chemotaxis; chemokinesis; gene therap; genetic disease; therapy; movement;

Homo sapiens

The present invention relates to the isolation of novel cDNA sequences which encode human secreted proteins. The cDNA sequences have been derived from a variety of human tissues. The invention also provides a method for producing proteins from these polynucleotide sequences. The proteins are useful for identifying compounds that modulate their activity and production. The sequences of the invention are useful for treating diseases such as hyperproliferative disorders (e.g. cancer), immune deficiency disorders (e.g. severe combined immunodeficiency (SCID), autoimmune disorders (e.g. multiple sclerosis), blood disorders (e.g. thrombocytopaenia), inflammatory disorders (e.g. arthritis), infectious disorders (e.g. hepatitis), allergic conditions (e.g. asthma), neurodegenerative disorders (e.g. atthma) inflammatory disorders (e.g. atthicks).

W09931236-A2

24-JUN-1999

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09-FEB-1998;
13-APR-1998;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  This sequence represents an extended human secreted protein coding sequence of the invention. The secreted proteins can be used in treating or controlling a variety of human conditions. The secreted proteins may act as cytokines or may affect cellular proliferation or differentiation or may act as immune system regulators, hasematopoiesis regulators, tissue growth regulators, regulators of reproductive hormones or cell movement or have chemotactic/chemokinetic, receptor/ligand, anti-inflammatory or tumour inhibition activity. The DNAs can be used in forensic procedures to identify individuals or in diagnostic procedures to identify individuals or in diagnostic procedures to identify the proposition of the buse corresponding to the extended cDNAs. They are also useful for constructing a high resolution map of the human chromosomes. They can constructing a high resolution map of the human chromosomes. They
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       constructing also be used
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                                                                                                                                                                                                                                                                                                                  aaacgacgacattcctgagcaagatagtctgggactttcaaatcttcagaagacgccaaat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Page
                                                                                                                                                                                                                                                                                                ANACGACGACATTCCTGAGCAAGATAGTCTGGGACTTTCAAATCTTCAGAAGAGCCAAAT
                                                                                                                                                                                                                                                                                                                                                           TGGGCTCATACATTTGGGGTGGTACAGAATCAAAAGCAGCCCTGTTTTCCAAATACCTAA
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                                                                                                                                     TGGGATATCTTTCATAGGTGTCCATCTTGGAACATACTTTTTGCAGAGGTCTGCAAAGCA 359
                                                                                                                                                                                                  CATATCGAAAGAAGAGATGAAAAATACCAGTTGGATTAGAAAAGAACTGGCTTCTTGTAGC
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TATTIGGAATTACTAA 446
               TATTTGGAATTACTAA 435
                                                                         GTCTGTAAAATTTCAGTCTCAAAGCAAACAAAAGAGTATTGAAGAGTGAAGTAAAATAAA 419
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98US-0074121P.
98US-0081563P.
98US-0096116P.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 422.4; DB 2; Pred. No. 1.5e-60;
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ID ADP18847 standard; cDNA; 458 BF
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Control of the sequence data for this patent did not form part of the printed confident conf
                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local S
Matches 434
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                                                                                                                                                                                                                                                      11 TATGAGCCTTCGGAACTTGTGGAGAGACTACAAAGTTTTTGGTTGTTTATGGTCCCTTTAGT
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                                                                                                                                             TGGGCTCATACATTTGGGGTGGTACAGAATCAAAAGCAGCCCTGTTTTCCAAATACCTAA
                            AAACGACGACATTCCTGAGCAAGATAGTCTGGGACTTTCAAATCTTCAGAAGAGCCAAAT 180
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Pred. No. 1.5e-60;
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